

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	"20060151404"	US-PGPUB; USPAT	OR	OFF	2009/10/14 12:41
S3	12	(US-20010046435-\$ or US-20020018703-\$ or US-20020002946-\$ or US-20030077153-\$).did. or (US-6398476-\$ or US-4597819-\$ or US-5112641-\$ or US-6696367-\$ or US-5752609-\$ or US-6053688-\$ or US-6165268-\$ or US-4966519-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/14 12:42
S4	81	(US-20060151404-\$ or US-20020090284-\$ or US-20030012636-\$ or US-20020121345-\$ or US-20020179863-\$ or US-20020125170-\$ or US-20010002697-\$ or US-20010047761-\$ or US-20020037207-\$ or US-20020081181-\$ or US-20030164179-\$).did. or (US-6830424-\$ or US-6481952-\$ or US-6086319-\$ or US-5425457-\$ or US-5049030-\$ or US-4878659-\$ or US-4796879-\$ or US-4162649-\$ or US-5336043-\$ or US-4544315-\$ or US-4439100-\$ or US-6647616-\$ or US-5073081-\$ or US-4802808-\$ or US-4478403-\$ or US-4081085-\$ or US-4079846-\$ or US-4055258-\$ or US-3915317-\$ or US-3827582-\$ or US-3687303-\$ or US-3826348-\$ or US-6224124-\$ or US-4611705-\$ or US-5820539-\$ or US-5759006-\$).did. or (US-5644898-\$ or US-4896087-\$ or US-4809965-\$ or US-6413035-\$ or US-3876097-\$ or US-3866883-\$ or US-5292224-\$ or US-4909412-\$ or US-6238283-\$ or US-3966059-\$ or US-4119221-	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/10/14 18:22

		\$ or US-4193726-\$ or US-4222697-\$ or US-4462736-\$ or US-4518151-\$ or US-4551053-\$ or US-4613268-\$ or US-4861227-\$ or US-4957409-\$ or US-5044874-\$ or US-5102293-\$ or US-5314297-\$ or US-3682469-\$ or US-4522544-\$ or US-5074743-\$ or US-5632595-\$ or US-6368040-\$).did. or (US-7260448-\$ or US-6769855-\$ or US-6143083-\$ or US-6066210-\$ or US-5810538-\$ or US-4957406-\$ or US-5007788-\$ or US-5054988-\$ or US-5131800-\$ or US-5273244-\$ or US-5383783-\$ or US-5788447-\$ or US-6240875-\$).did. or (JP-04199846-\$ or JP-07002308-\$ or JP-11233584-\$).did. or (JP-03142951-\$).did.				
S5	1910	414/796-798.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/14 19:50
S6	1271	S5 and @ad<"20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 19:50
S7	44	S6 and (stack\$4 and (((wafer\$2 substrate\$2 article\$2) near6 (support\$4 hold\$4)) with (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 19:53
S8	8	S6 and (((stack\$4 stor\$4) near4 (ring\$4 annular\$4)) and ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:02
S9	12	"414"/\$.ccls. and (wafer\$2 semiconductor\$2) and (((stack\$4 stor\$4) near4 (ring\$4 annular\$4)) and ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:06
S10	8	S9 and @ad<"20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:06
S11	0	S10 not S9	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:06

S12	31	414/788-798.ccls. and (stack\$4 stor\$4) and (((ring\$4 annular\$4)) with ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:10
S13	31	S12 and @ad< "20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:10
S14	71	"414"/\$.ccls. and (stack\$4 stor\$4) and (wafer\$2 semiconductor\$2) and (((ring\$4 annular\$4)) with ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:16
S15	63	S14 and @ad< "20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:16
S16	63	S15 not S13	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:16
S17	69474	"414"/\$.ccls. 156/345.31,345.32.ccls. and pitch\$4 and (stack\$4 stor\$4) and (wafer\$2 semiconductor\$2) and (((ring\$4 annular\$4)) with ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:38
S18	17	("414"/\$.ccls. 156/345.31,345.32.ccls.) and pitch\$4 and (stack\$4 stor\$4) and (wafer\$2 semiconductor\$2) and (((ring\$4 annular\$4)) with ((support\$4 hold\$4 carr\$5) near6 (protru\$4 project\$4 exten\$5)))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:39
S19	13	S18 and @ad< "20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:39
S20	2	("414"/\$.ccls. 156/345.31,345.32.ccls.) and (pitch\$4 with stack\$4) and (wafer\$2 semiconductor\$2) and ((ring\$4 annular\$4) near8 (protru\$4 project\$4 exten\$5))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:46
S21	8	("414"/\$.ccls. 156/345.31,345.32.ccls.) and (pitch\$4 with stack\$4) and ((ring\$4 annular\$4) near8 (protru\$4 project\$4 exten\$5))	US-PGPUB; USPAT	OR	OFF	2009/10/14 20:48

S22	0	((wafer\$2 semiconductor\$2) and (pitch\$4 with stack\$4) and ((ring\$4 annular\$4) near8 (protru\$4 project\$4 exten\$5))	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:50
S23	23	((wafer\$2 semiconductor\$2) and (pitch\$4 tack\$4) and ((ring\$4 annular\$4) near8 (protru\$4 project\$4 exten\$5))	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:50
S24	73	((wafer\$2 semiconductor\$2) and (pitch\$4 stack\$4) and ((ring\$4 annular\$4) near8 (protru\$4 project\$4 exten\$5))	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:50
S25	47	S24 and @ad< "20030711"	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:50
S26	1	((wafer\$2 semiconductor\$2) and (boat with pitch\$4) and ((ring\$4 annular\$4 round circular) near8 (protru\$4 project\$4 exten\$5))	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:57
S27	1	((wafer\$2 semiconductor\$2) and (boat with pitch\$4) and ((ring\$4 annular\$4 round circular) near8 (protru\$4 project\$4 exten\$5))	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:57
S28	11	((wafer\$2 semiconductor\$2) and (boat with pitch\$4) and (ring\$4 annular\$4 round circular)	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:58
S29	16	((wafer\$2 semiconductor\$2) and (boat and pitch\$4) and (ring\$4 annular\$4 round circular)	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:58
S30	11	S29 and @ad< "20030711"	EPO; JPO; DERWENT	OR	OFF	2009/10/14 20:58
S31	173	((wafer\$2 semiconductor\$2) and (boat and pitch\$4) and ((ring\$4 annular\$4 round circular) near8 (protru\$4 project\$4 exten\$5))	US-PGPUB; USPAT	OR	OFF	2009/10/14 21:08
S32	107	S31 and @ad< "20030711"	US-PGPUB; USPAT	OR	OFF	2009/10/14 21:08

S33	2	((semiconductor\$2 and ((storage support\$4 hold \$4) near6 (substrate\$2 wafer\$2 workpieces\$2 article \$2 object\$2)) and (ring\$3 annular\$5) and (stack\$4 near8 (separat\$5 space\$2 upper lower)) and control \$4 and (moving moved hand!\$4 transport\$6)).clm.	US-PGPUB; USPAT	OR	OFF	2009/10/15 19:17
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